



Measuring Progress Update

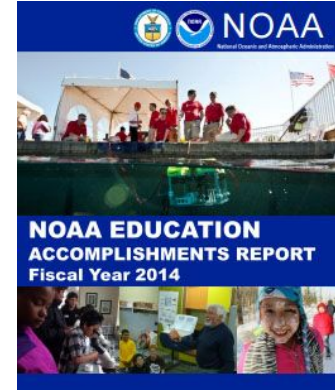
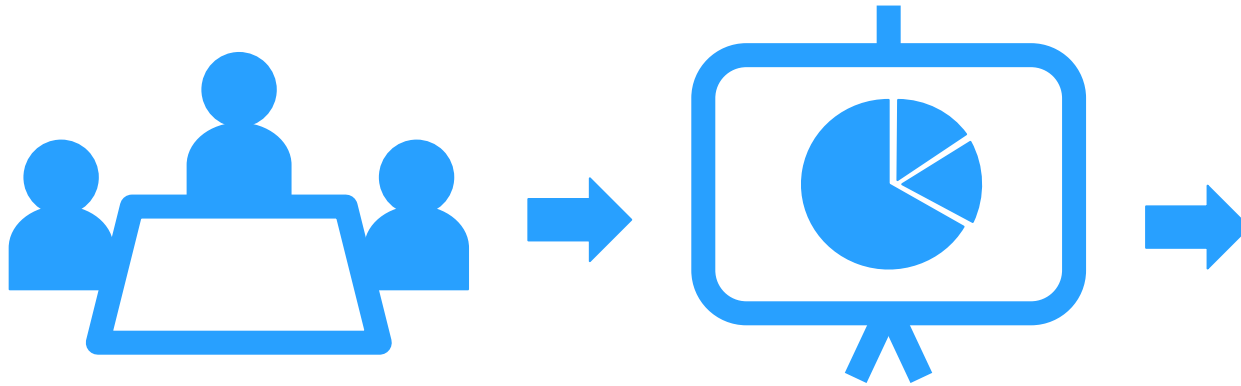
John Baek, Office of Education

February 17, 2016
Education Council Briefing
Decisional

Purpose

To inform a decision by the Education Council on a proposed process for the Annual Review of Progress of the NOAA Education Strategic Plan.

FY16 Roadmap



Goal Meetings

**FY16 Annual Review
of Progress**

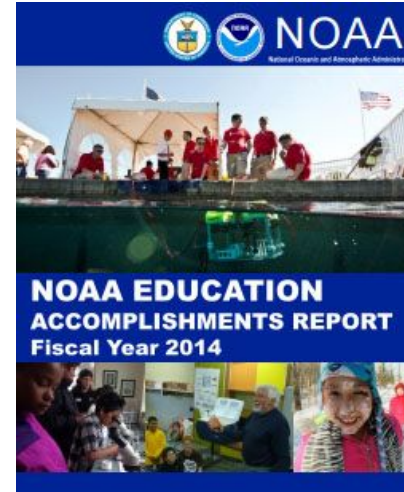
**FY16 Annual
Accomplishments Report**



Jan to Aug 2016

Oct 2016

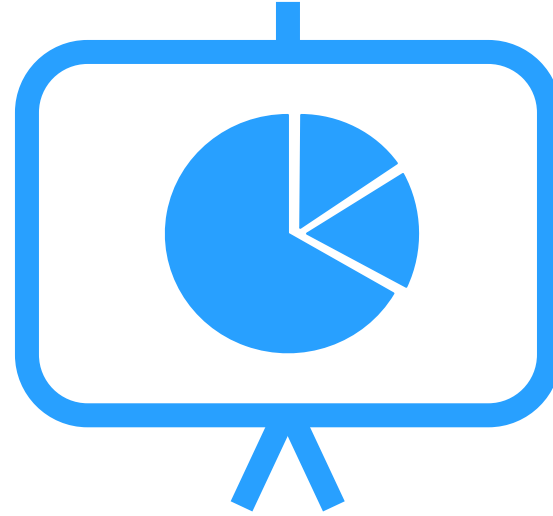
Jan 2017



FY14 Annual Accomplishments Reports



Description	 Pros	 Cons
<ul style="list-style-type: none"> - NOAA-wide common measures data - Success stories from Council programs - Organized by Goal 	<ul style="list-style-type: none"> - Established a process for reviewing accomplishments - Established a product for reporting accomplishments - Provide opportunity to share qualitative information about programs 	<ul style="list-style-type: none"> - Stories lacked much data or results about strategic goals - Process was crunched in the Fall

FY14 Annual Review of Progress



Description	 Pros	 Cons
<ul style="list-style-type: none">- Data Team presented NOAA-wide common measure data to Council in 1.5 hours- Held March 2015- Organized by objective	<ul style="list-style-type: none">- Sparked good conversations about objectives	<ul style="list-style-type: none">- Data heavy, hard to process in a quick presentation- Reliant on common measures, lack data to track progress- Held in March, informed no decisions

1.1.Youth and adults from all backgrounds improve their understanding of NOAA-related sciences <u>by participating</u> in education and outreach opportunities.			
What efforts contributed to this objective?	<u>Formal Education Programs w/in 9 Ed Council reporting units</u> NOS, ONMS, NERRS, CSC, B-WET, OEd, OAR, NMFS, NWS	<u>Informal Education Programs w/in 8 Ed Council reporting units</u> ONMS, NERRS, CSC, OEd, OAR, Sea Grant, NMFS, WCM	<u>Education Products</u> Data in the Classroom Games Portal, Planets Stewards; DLN broadcasts; Newspapers in Education
What are the results of these efforts?	570K P-12 students participated in formal education program in FY14 Percent that gain in understanding	2.6M youth and adults participated in informal education programs in FY14	592K visitors to DitC website # products disseminated
Evidence of Progress 1.1a: Developed <u>more</u> education and outreach opportunities for youth and adults from all backgrounds.			
Which results indicate evidence of progress?	Database of formal and informal education programs # new and updated formal and informal education programs		Database of education products # users of products
Next steps?	Many education programs conduct Pre/Post surveys to measure knowledge gain; some do not, depending on the nature of the program and capacity issues. Note: it may be easier to measure knowledge gain when a program works directly - rather than indirectly (i.e., dissemination of materials) - w/ an audience. Other programs measure “precipitation” of knowledge gain. JB: Do we want to use this measure to show progress? RESPONSE: TBD. Issue re: capacity rasied.		

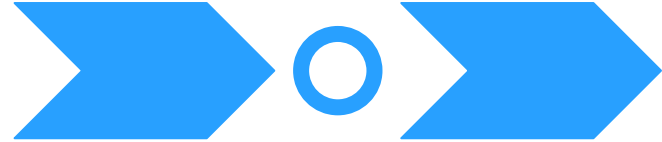
Goal Meetings



- Goal meetings are opportunities to develop a shared understanding of how we make progress towards each goal and objective.
- Will hold Goal meetings from Jan to Aug 2016 and invite programs that contribute towards goal and objectives.



What is Progress?



Goal meetings will be opportunities to define progress by programs.

- Discuss progress made in recent years
- Look at strategies published in the Strategic Plan
- Address emerging priorities and opportunities

Accomplishment Stories



Goal meetings will be opportunities to identify stories of progress over the past year.

- The structure of the story designed with multiple purposes in mind: 1) for external and public use, 2) as a data point for internal analysis and learning purposes.
- New website will allow for stories to be written and posted throughout year.

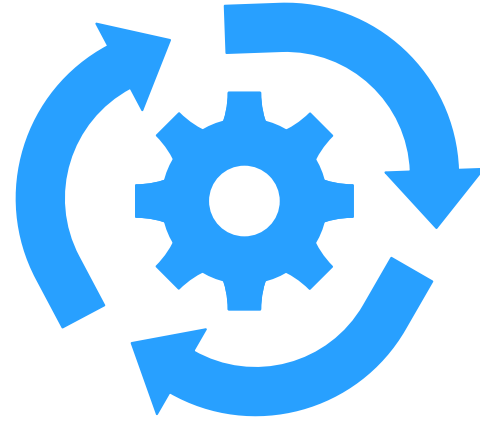
Measures



Goal meetings will be opportunities to identify key measures used to track progress.

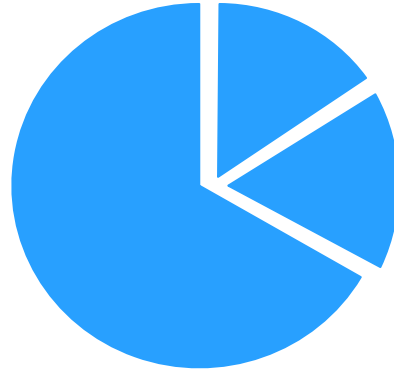
- Common measures will be revisited to see how they can be redefined to align with objectives.
- New outcome measures can be discussed, particularly in how they measure progress towards objectives.

Implementation Plan Actions



Goal meetings will be opportunities to discuss how Implementation Plan Actions (programmatic, working group) contribute to progress.

Data Products



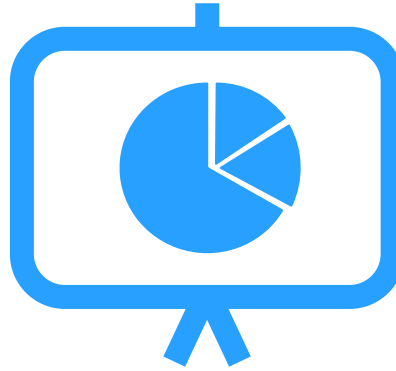
Goal meetings will be opportunities to develop and discuss data products that visualize performance data and how they tell a story of progress towards goals and objectives.



Goal Meetings

Jan to Aug 2016

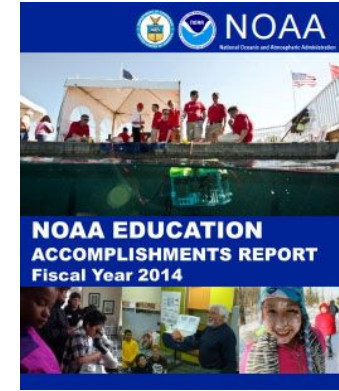
- About two to four per goal
- Will invite programs that contribute towards goal and objectives.



FY16 Annual Review of Progress

October 2016

- Will summarize the storyline of progress toward each goal
- Will summarize any action recommendations for Council



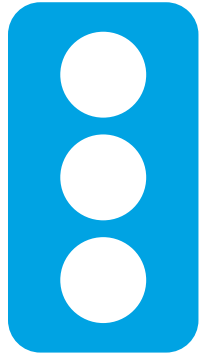
FY16 Annual Accomplishments Report

Jan 2017

- More data-driven and part will be more technical report
- Tells story of outcomes and progress toward each goal

Decision

Council members agree with proposed process for the Annual Review of Progress and will participate in Goal Meetings.



Red

Major concerns about the proposed changes.

Do not proceed.

Yellow

Minor issues about the proposed roadmap.

Proceed after consultation.

Green

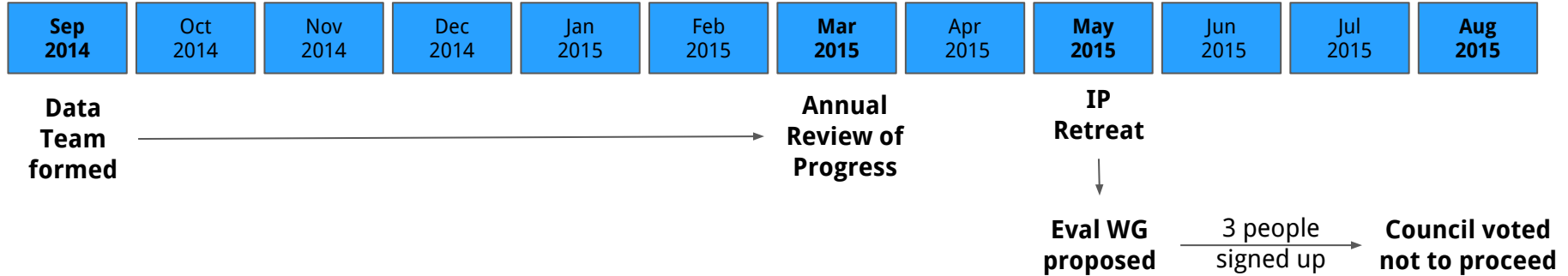
Fully support the proposed roadmap.

Proceed without consultation.



Backup Slides

Background



Sep 2014 - Data Team formed at Ed Council off-site. Primary role is to measure progress toward the Strategic Plan. “Crossing the streams”

Mar 2015 - Data Team presented Annual Review of Progress to Ed Council. In this process, Data Team found that common measures were not well aligned with Goals of the Strategic Plan.

May 2015 - At Implementation Plan retreat, an Evaluation Working Group was proposed to develop new common measures.

Aug 2015 - The Council voted not to proceed with proposed Working Group.